What is claimed is:

1. A method for isolating noise in a system comprising the steps of:

locating two masses coaxially disposed and rotating with an adjacent rotating member;

interconnecting a distinct drive means to each of the two masses for controlling velocity of the mass relative to the rotating member; and

controlling each drive means such that the two masses may be rotated separately at a rotational speed greater than the adjacent rotating member.

2. The method of claim 1 wherein controlling each drive means comprises sending signals to each of the drive means such that the masses rotate in the same direction but at different angular velocities.

3. The method of claim 1 wherein controlling each drive means comprises sending a signal to each of the drive means such that the mass rotates in a direction opposite to the rotating member.

4. The method of claim 1 further comprising the step of mounting sensors on a system interconnected to the rotating member to provide feedback signals for controlling at least one of the drive means.

5. The method of claim 1 further comprising the step of using a phase angle from a power source as phase angle reference for controlling the drive means of at least one of the two masses.

6. A device for reducing noise in a system, wherein the noise is associated with a rotating member integral to the system, the device comprising:

at least two (2) masses coaxially disposed adjacent to a rotating member;

a drive means interconnected to each mass for selectively rotating the mass relative to and in the same direction as the rotating member; and a control means for sending a signal to the drive means such that the angular velocity of at least one of the masses is altered.

7. The device of claim 6 wherein the drive means causes at least one of the masses to rotate in a direction opposite to the direction of rotation of the rotating member.

8. The device of claim 6 wherein the drive means causes at least one of the masses to rotate at a higher velocity than the rotating member.

9. The device of claim 6 wherein the control means utilizes a phase angle from a power source as phase angle reference.

10. The device of claim 6 wherein the control means utilizes sensors mounted on a system interconnected to the rotating member to provide feedback signals for controlling at least one of the drive means.